Acer Projector

P1100/P1200/P1203/P1206/ P1303W Series
User's Guide

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Acer Projector P1100/P1200/P1203/P1206/P1303W Series User's Guide
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Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your projector. All correspondence concerning your unit should include the serial number, model number and purchase information.

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Acer Projector P1100/P1200/P1203/P1206/P1303W Series

Model number: ___________________________________

Serial number: ___________________________________

Date of purchase: ________________________________

Place of purchase: ________________________________

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Information for your safety and comfort

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Caution for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the external power supply unit:

- Install the power supply unit before connecting the power cord to the AC power outlet.
- Unplug the power cord before removing the power supply unit from the projector.
- If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

Caution for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

Warnings!

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.

This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.

- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices, lamp.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.

Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions

Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Warning! For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Additional safety information

- Do not look into the projector's lens when the lamp is on. The bright may hurt your eyes.
- Turn on the projector first and then signal sources
- Do not place the product in following environments:
  - Space that is poorly ventilated or confined. At least 50cm clearance from walls and free flow of air around the projector is necessary.
  - Locations where temperatures may become excessively high, such as inside of a car with all windows rolled up.
  - Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shortening the life span and darkening the image.
  - Locations near fire alarms.
  - Locations with an ambient temperature above 40 °C/104 °F.
  - Locations where the altitudes are higher than 10000 feet.
- Unplug immediately if there is something wrong with your projector. Do not operate if smoke, strange noise or odor comes out of your projector. It

might cause fire or electric shock. In this case, unplug immediately and contact your dealer.

- Do not keep using this product to break or drop it. In this case contact your dealer for inspection.
- Do not face the projector lens to the sun. It can lead to fire.
- When switching the projector off, suggest to ensure the projector completes its cooling cycle before disconnecting power.
- Do not turn off the main power abruptly or unplug the projector during operation. It can lead to lamp breakage, fire, electric shock or other trouble. The best way is to wait for the fan to turn off before turning main power off.
- Do not touch air outlet grille and bottom plate which becomes hot.
- Clean the air filter frequently if have. The temperature inside may rise and cause damage when the filter/ventilation slots clogged with dirt or dust.
- Do not look into the air outlet grille when projector is operating. It may hurt your eyes.
- Always open the lens shutter or remove the lens cap when the projector is on.
- Do not block the projector lens with any object when the projector is under operation as this could cause the object to become heated and deformed or even cause a fire. To temporarily turn off the lamp, press HIDE on the projector or remote controller.
- The lamp becomes extremely hot during operation. Allow the projector to cool for approximately 45 minutes prior to removing the lamp assembly for replacement.
- Do not operate lamps beyond the rated lamp life. It could cause it to break on rare occasions.
- Never replace the lamp assembly or any electronic components unless the projector is unplugged.
- The product will detect the life of the lamp itself. Please be sure to change the lamp when is showing warning message.
- When changing the lamp, please allow unit to cool down, and follow all changing instructions.
- Reset the "Lamp Hour Reset" function from the Onscreen display "Management" menu after replacing the lamp module.
- Do not attempt to disassemble this projector. There are dangerous high voltages inside which may hurt you. The only user serviceable part is the lamp which has its own removable cover. Refer servicing only to suitable qualified professional service personnel.
- Do not stand the projector on end vertically. It may cause the projector to fall over, causing injury or damage.
- This product is capable of displaying inverted images for ceiling mount installation. Only use acer ceiling mount kit for mounting the projector and ensure it is securely installed.

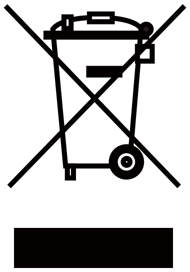
Caution for Listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

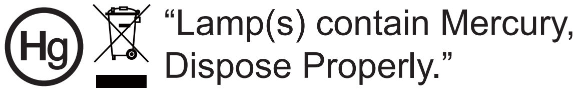
Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit http://www.acer-group.com/public/Sustainability/sustainability01.htm



Mercury advisory

For projectors or electronic products containing an LCD/CRT monitor or display:



Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at www.eiae.org. For lamp-specific disposal information, check www.lamprecycle.org

First thing first

Usage notes

Do：

- Turn off the product before cleaning.
- Use a soft cloth moistened with mild detergent to clean the display housing.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.

Don't：

- Block the slots and openings on the unit provided for ventilation.
- Use abrasive cleaners, waxes or solvents to clean the unit.
- Use under the following conditions:
  - In extremely hot, cold or humid environments.
  - In areas susceptible to excessive dust and dirt.
  - Near any appliance that generates a strong magnetic field.
  - Place In direct sunlight.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user's guide to maximize the life of your unit.

Warning:

- Do not look into the projector's lens when the lamp is on. The bright light may hurt your eyes.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- Please do not open or disassemble the product as this may cause electric shock.
- When changing the lamp, please allow unit to cool down, and follow all changing instructions.
- This product will detect the life of the lamp itself. Please be sure to change the lamp when it shows warning messages.
- Reset the "Lamp Hour Reset" function from the Onscreen display "Management" menu after replacing the lamp module.
- When switching the projector off, please ensure the projector completes its cooling cycle before disconnecting power.
- Turn on the projector first and then the signal sources.
- Do not use lens cap when projector is in operation.
- When the lamp reaches the end of its life, it will burn out and may make a loud popping sound. If this happens, the projector will not turn back on until the lamp module has been replaced. To replace the lamp, follow the procedures listed under "Replacing the Lamp".

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Introduction

Product Features

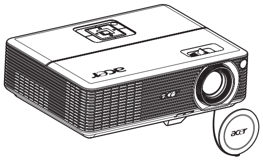
This product is a single-chip DLP® projector. Outstanding features include:

- DLP® technology
- P1100: Native 800 x 600 SVGA resolution
  P1200/P1203/P1206 series : Native 1024 x 768 XGA resolution
  P1303W: Native 1280 x 800 WXGA resolution
  4:3 / 16:9 aspect ratio supported (P1100/P1200/P1203/P1206)
  Full/4:3/16:9/L.Box aspect ratio supported (P1303W)
- Acer ColorBoost technology delivers nature's true colors for vivid, life-like images
- High brightness and contrast ratio
- Versatile display modes (Bright, Presentation, Standard, Video, Education, User) enable optimum performance in any situation
- NTSC / PAL / SECAM compatible and HDTV (720p, 1080i, 1080p) supported
- Top-loading lamp design allows easy lamp replacement
- Lower power consumption and economy (ECO) mode extends lamp life
- Acer EcoProjeciton Technology delivers Intelligent power management approach and physical efficiency improvement.
- Empowering Key reveals Acer Empowering Technology utilities (Acer eView, eTimer, ePower, eOpening Management) for easy adjustment of settings
- P1100/P1200/P1203/P1206/P1303W series:

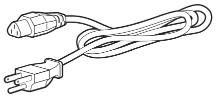
  Equipped with HDMI™ connections supporting HDCP
- Advanced digital keystone correction optimizes presentations
- Multi-language onscreen display (OSD) menus
- Full-function remote control
- Manual focus projection lens zooms up to 1.1x
- 2x digital zoom and pan function
- Microsoft® Windows® 2000, XP, Vista®, Windows 7, Macintosh® OS compliant

Package Overview

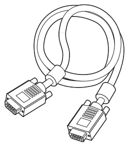
This projector comes with all the items shown below. Check to make sure your unit is complete. Contact your dealer immediately if any thing is missing.



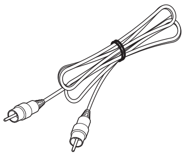
Projector with lens cap



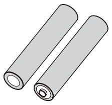
Power cord



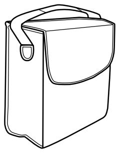
VGA cable



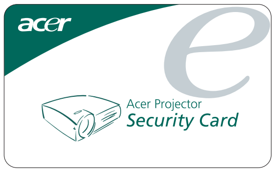
Compostive video cable



2 x Batteries

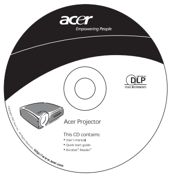


Carrying case

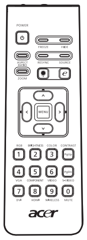


acer
Acer Projector
Security Card

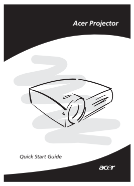
Security card



User's Guide



Remote control



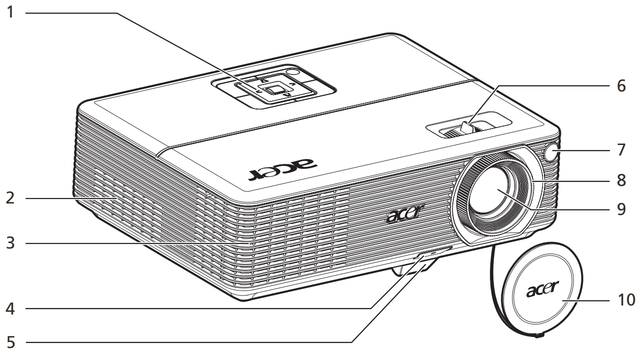
Acer Projector
Quick Start Guide

Quick start guide

Projector Overview

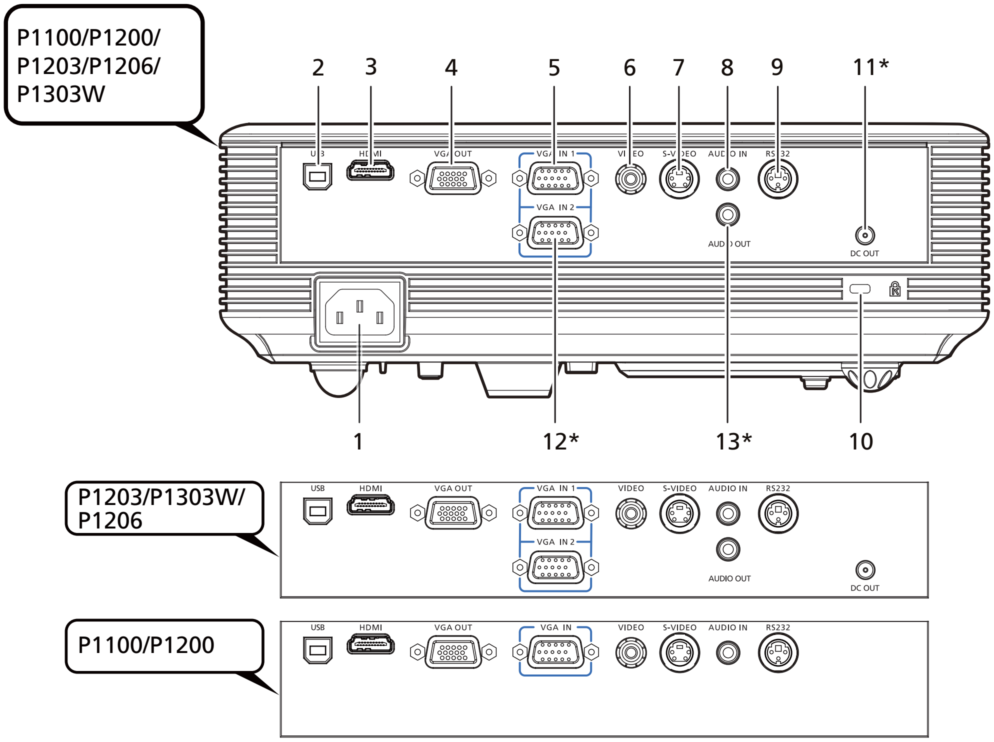
Projector Outlook

Front / upper side


1
2
3
4
5
6
7
8
9
10

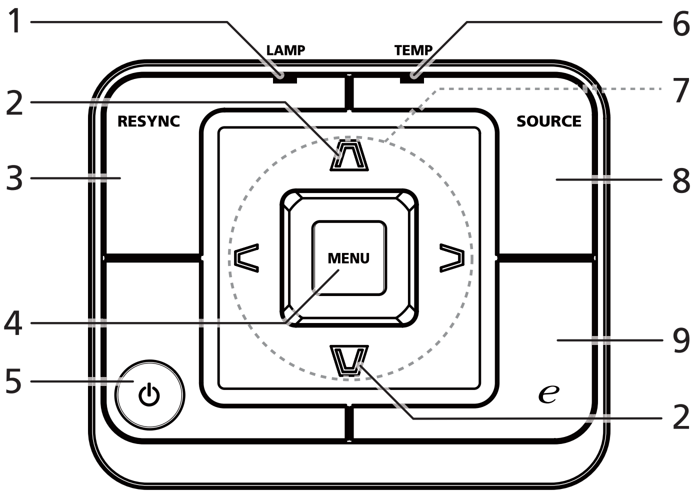
#	Description	#	Description
1	Control panel	6	Zoom lever
2	Ventilation (inlet)	7	Remote control receiver
3	Ventilation (outlet)	8	Focus ring
4	Elevator button	9	Zoom lens
5	Elevator foot	10	Lens cap

Rear side


P1100/P1200/
P1203/P1206/
P1303W
2
3
4
5
6
7
8
9
11*
USB
HDMI
VGA OUT
VGA IN 1
VGA IN 2
VIDEO
S-VIDEO
AUDIO IN
RS232
AUDIO OUT
DC OUT
1
12*
13*
10
P1203/P1303W/
P1206
P1100/P1200
VGA IN

#	Description	#	Description
1	Power socket	8	Audio input connector
2	USB connector	9	RS232 connector
3	HDMI connector	10	Kensington™ lock port
4	Monitor loop-through output connector (VGA-Out)	**Below items are for P1203/P1206/P1303W only:**	
5	PC analog signal/HDTV/component video input connector (VGA IN/VGA IN 1)	11*	12V DC output connector
6	Composite video input connector	12*	PC analog signal/HDTV/component video input connector (VGA IN 2)
7	S-Video input connector	13*	Audio output connector

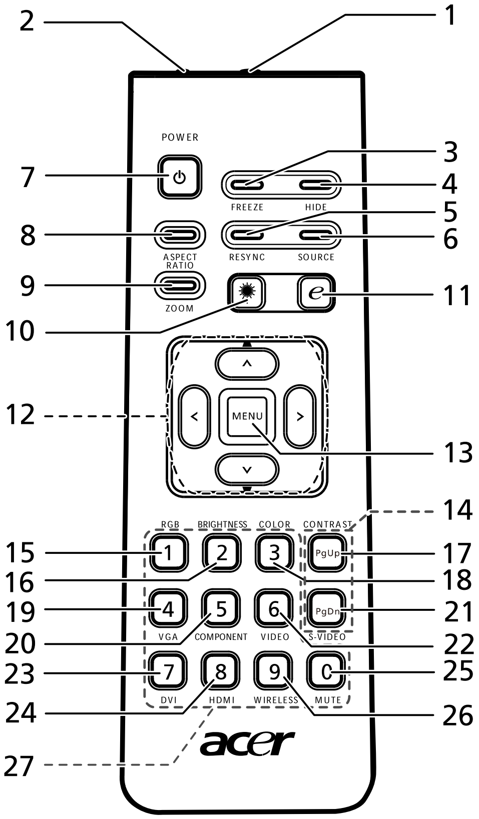
Control Panel



#	Icon	Function	Description
1		LAMP	Lamp Indicator LED
2	⏢ ⏷	Keystone	Adjusts the image to compensate for distortion caused by tilting the projector (± 40 degrees).
3		RESYNC	Automatically synchronizes the projector to the input source.
4		MENU	• Press "**MENU**" to launch the Onscreen display (OSD) menu, back to the previous step for the OSD menu operation or exit the OSD menu. • Confirm your selection of items.
5	⏻	POWER	See the contents in "**Turning the Projector On/Off**" section.
6		TEMP	Temp Indicator LED

#	Icon	Function	Description
7	∧ < > ∨	Four directional select keys	Use ∧∨<> to select items or make adjustments to your selection.
8		SOURCE	Changes the active source.
9	*e*	Empowering key	Unique Acer functions: eOpening, eView, eTimer, ePower Management.

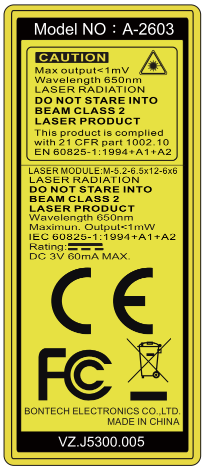
Remote Control Layout

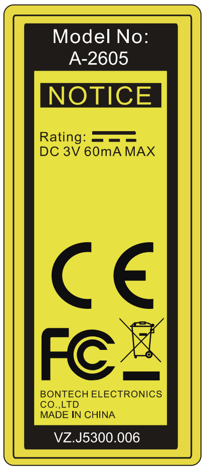

2
1
POWER
7
3
4
FREEZE
HIDE
5
6
8
ASPECT RATIO
RESYNC
SOURCE
9
ZOOM
11
10
12
MENU
13
14
RGB
BRIGHTNESS
COLOR
CONTRAST
15
1
2
3
PgUp
17
16
18
19
4
5
6
PgDn
21
20
VGA
COMPONENT
VIDEO
S-VIDEO
22
23
7
8
9
C
25
24
DVI
HDMI
WIRELESS
MUTE
26
27
acer

#	Icon	Function	Description
1		Infrared transmitter	Sends signals to the projector.
2		Laser pointer	Aim the remote at the viewing screen.
3		FREEZE	To pause the screen image.
4		HIDE	Momentarily turns off the video. Press **"HIDE"** to hide the image, press again to display the image.
5		RESYNC	Automatically synchronizes the projector to the input source.
6		SOURCE	Changes the active source.
7	⏻	POWER	Refer to the **"Turning the Projector On/Off"** section.
8		ASPECT RATIO	To choose the desired aspect ratio (Auto/4:3/16:9).
9		ZOOM	Zooms the projector display in or out.
10	✷	Laser button	Aim the remote at the viewing screen, press and hold this button to activate the laser pointer. This function is not supported in Japanese market.
11	e	Empowering key	Unique Acer functions: eOpening, eView, eTimer, ePower Management.
12	⏢ ⏢	KEYSTONE	Adjusts the image to compensate for distortion caused by tilting the projector (± 40 degrees).

#	Icon	Function	Description
12	^ < > v	Four directional select keys	Use up, down, left, right buttons to select items or make adjustments to your selection.
13		MENU	• Press "MENU" to launch the Onscreen display (OSD) menu, back to the previous step for the OSD menu operation or exit the OSD menu. • Confirm your selection of items.
14	PgUp PgDn	PgUp/PgDn	For computer mode only. Use this button to select the next or previous page. This function is only available when connected to a computer via a USB cable.
15		RGB	Press "**RGB**" for true-color optimization.
16		BRIGHTNESS	Press "**BRIGHTNESS**" to adjust the brightness of the image.
17		CONTRAST	Use the "**CONTRAST**" option to control the difference between the lightest and darkest parts of the picture.
18		COLOR	Press "**COLOR**" to adjust the color temperature of image.
19		VGA	Press "**VGA**" to change source to the VGA connector. This connector supports analog RGB, YPbPr (480p/576p/720p/1080i), YCbCr (480i/576i) and RGBsync.
20		COMPONENT	No function.
21		S-VIDEO	To change source to S-Video.
22		VIDEO	To change source to COMPOSITE VIDEO.
23		DVI	No function.
24		HDMI™	To change source to HDMI™. (for the model if with HDMI™ connector)
25		MUTE	To turn on/off the volume.
26		WIRELESS	No function.
27		KeyPad 0~9	Press "**0~9**" to input a password in the "Security settings".

Note:


Model NO：A-2603
CAUTION
Max output<1mV
Wavelength 650nm
LASER RADIATION
DO NOT STARE INTO
BEAM CLASS 2
LASER PRODUCT
This product is complied
with 21 CFR part 1002.10
EN 60825-1:1994+A1+A2
LASER MODULE:M-5.2-6.5x12-6x6
LASER RADIATION
DO NOT STARE INTO
BEAM CLASS 2
LASER PRODUCT
Wavelength 650nm
Maximun. Output<1mW
IEC 60825-1:1994+A1+A2
Rating:
DC 3V 60mA MAX.
CE
FC
BONTECH ELECTRONICS CO.,LTD.
MADE IN CHINA
VZ.J5300.005


Model No:
A-2605
NOTICE
Rating:
DC 3V 60mA MAX
CE
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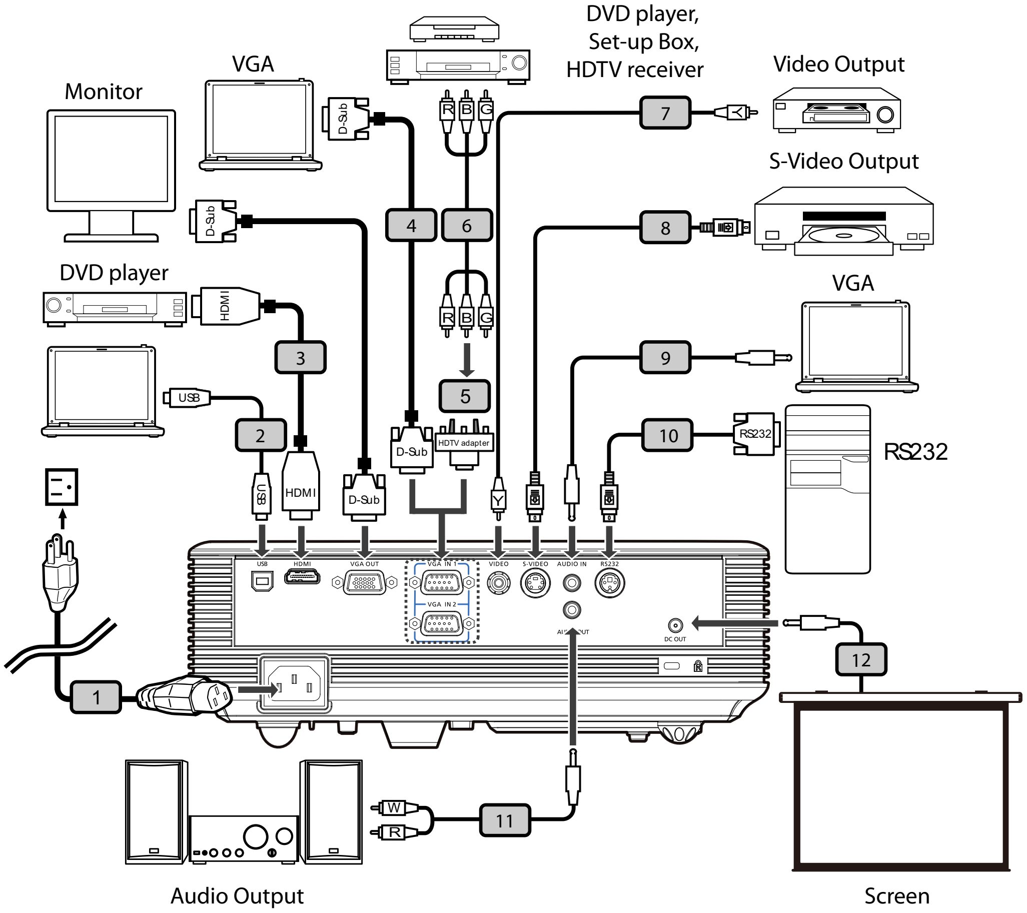
BONTECH ELECTRONICS
CO.,LTD
MADE IN CHINA
VZ.J5300.006

Getting Started

Connecting the Projector


DVD player,
Set-up Box,
HDTV receiver
Video Output
Monitor
VGA
S-Video Output
DVD player
VGA
RS232
D-Sub
HDMI
USB
HDTV adapter
R
B
G
Y
W
1
2
3
4
5
6
7
8
9
10
11
12
USB
HDMI
VGA OUT
VGA IN 1
VGA IN 2
VIDEO
S-VIDEO
AUDIO IN
RS232
AUDIO OUT
DC OUT
Audio Output
Screen

#	Description	#	Description
1	Power cord	7	Composite video cable
2	USB cable	8	S-Video cable
3	HDMI cable	9	Audio cable jack/jack
4	VGA cable	10	RS232 cable
5	VGA to component/HDTV adapter	11	Audio cable jack/RCA
6	3 RCA component cable	12	12V DC cable

Note: To ensure the projector works well with your computer, please make sure the timing of the display mode is compatible with the projector.

Turning the Projector On/Off

Turning on the Projector

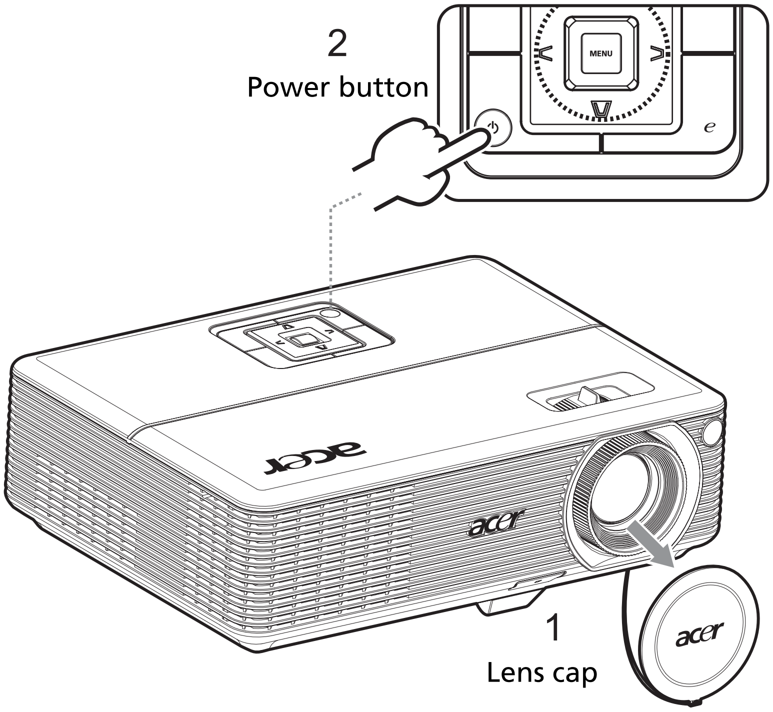
1 Remove the lens cap. (Illustration #1)

2 Ensure that the power cord and signal cable are securely connected. The Power indicator LED will flash red.

3 Turn on the projector by pressing "**Power**" button on the control panel, and the Power indicator LED will turn blue. (Illustration #2)

4 Turn on your source (computer, notebook, video player ,etc.). The projector will detect your source automatically.

- If the screen displays "Lock" and "Source" icons, it means the projector is locked onto a specific source type and there is no such type of input signal detected.
- If the screen displays "No Signal", please make sure the signal cables are securely connected.
- If you connect to multiple sources at the same time, use the "Source" button on either control panel or the remote control or direct source key on the remote control to switch between inputs.



Turning the projector off

1. To turn the projector off, press the power button. This message appears: **"Please press the power button again to complete the shutdown process."** Press the power button again.
2. The LED power indicator will turn RED and blink rapidly after the projector is turned off, and the fan(s) will continue to operate for about 2 minutes to ensure that the system cools properly.
3. As long as the power cord remains plugged in, you can press the power button to turn the projector immediately back on anytime during the 2-minute shutdown process.
4. Once the system has finished cooling, the LED power indicator will stop blinking and turn solid red to indicate standby mode.
5. It is now safe to unplug the power cord.

Warning indicators:

- **"Projector Overheated. Lamp will automatically turn off soon."**
  This onscreen message indicates that the projector has overheated. The lamp with automatically turn off, the projector will automatically shut down, and the LED temp indicator will turn solid red. Contact your local dealer or service center.
- **"Fan failed. Lamp will automatically turn off soon."**
  This onscreen message indicates that the fan has failed. The lamp will automatically turn off, the projector will automatically shut down, and the LED temp indicator will blink. Contact your local dealer or service center.

Note: Whenever the projector automatically shuts down and the LED lamp indicator turns solid red, contact your local reseller or service center.

Adjusting the Projected Image

Adjusting the Height of Projected Image

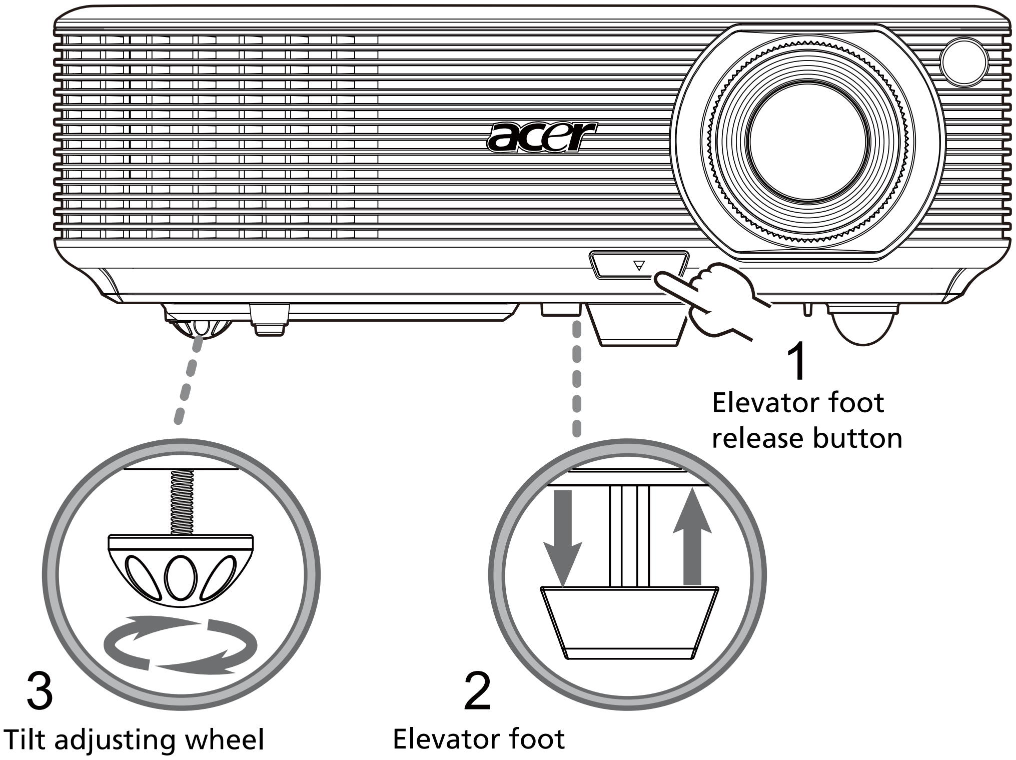
The projector is equipped with elevator feet for adjusting the height of image.

To raise the image:

1. Press the elevator foot release. (Illustration #1)
2. Raise the image to the desired height angle (Illustration #2), then release the button to lock the elevator foot into position.
3. Use Tilt adjusting wheel (Illustration #3) to fine-tune the display angle.

To lower the image:

1. Press the elevator foot release. (Illustration #1)
2. Lower the image to the desired height angle (Illustration #2) , then release the button to lock the elevator foot into position.
3. Use Tilt adjusting wheel (Illustration #3) to fine-tune the display angle.



How to optimize image size and distance

Consult the table below to find the optimal image sizes achievable when the projector is positioned at a desired distance from the screen.

- P1100/P1200/P1203/P1206 series Example: If the projector is 3 m from the screen, good image quality is possible for image sizes between 69" and 76".

P1100/P1200/P1203/P1206 series

Note: Remind as below figure, the space of 133 cm height is required when located at 3m distance.

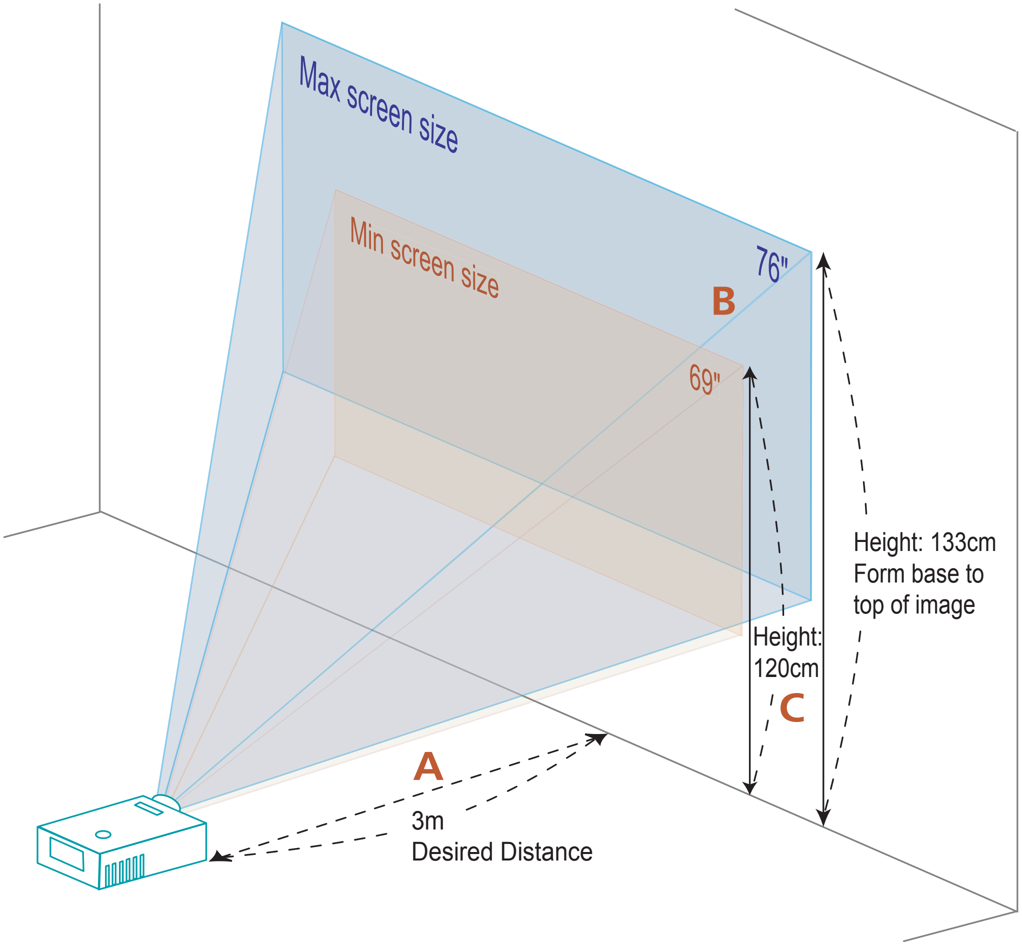

Max screen size
Min screen size
76"
69"
B
A
C
Height: 133cm
Form base to
top of image
Height:
120cm
3m
Desired Distance

Figure: Fixed distance with different zoom and screen size.

P1100/P1200/P1203/P1206 series

Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
1.5	34	70 x 52	60	38	77 x 58	66
2	46	93 x 70	80	50	103 x 77	88
2.5	57	116 x 87	100	63	128 x 96	111
3	69	140 x 105	120	76	154 x 115	133
3.5	80	163 x 122	140	88	179 x 135	155
4	92	186 x 140	160	101	205 x 154	177
4.5	103	209 x 157	181	114	231 x 173	199
5	114	233 x 174	201	126	256 x 192	221
6	137	279 x 209	241	151	308 x 231	265
7	160	326 x 244	281	177	359 x 269	310
8	183	372 x 279	321	202	410 x 308	354
9	206	419 x 314	361	227	462 x 346	398
10	229	465 x 349	401	252	513 x 385	442
11	252	512 x 384	441	278	564 x 423	487
12	275	558 x 419	481	303	615 x 462	531

Zoom Ratio: 1.1x

- P1303W series Example: If the projector is 3 m from the screen, good image quality is possible for image sizes between 82" and 90".

P1303W series

Note: Remind as below figure, the space of 135 cm height is required when located at 3m distance.

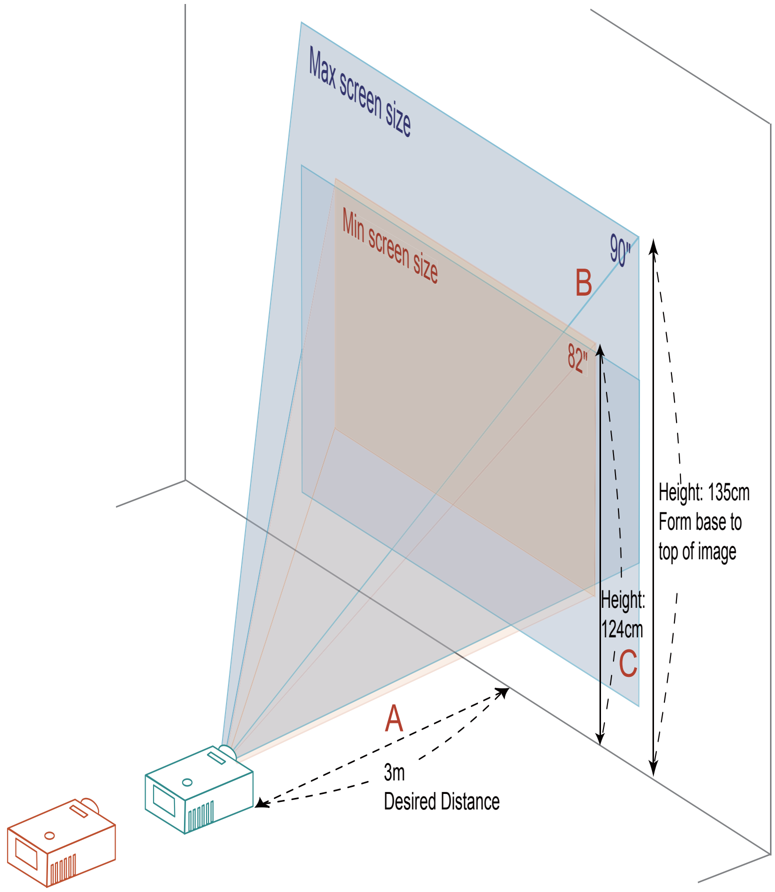

Max screen size
Min screen size
90"
B
82"
Height: 135cm
Form base to
top of image
Height:
124cm
C
A
3m
Desired Distance

Figure: Fixed distance with different zoom and screen size.

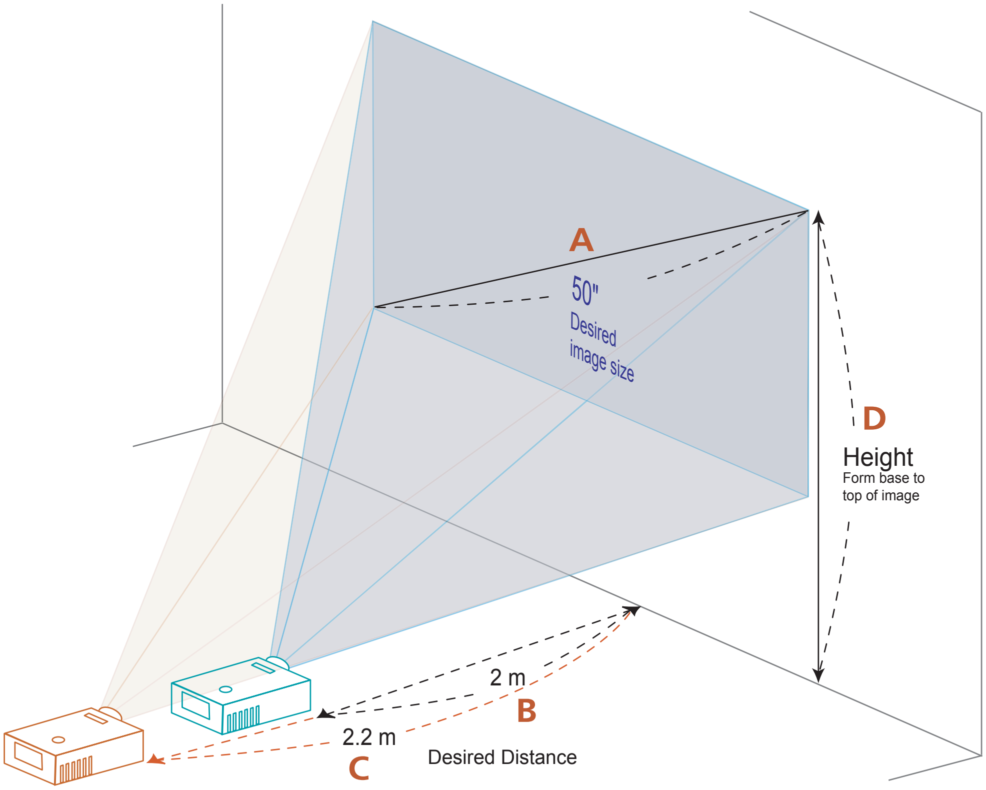
P1303W series

Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
1.5	41	88 x 55	62	45	97 x 60	68
2	55	118 x 74	82	60	129 x 81	90
2.5	68	147 x 92	103	75	161 x 101	113
3	82	176 x 110	124	90	194 x 121	135
3.5	96	206 x 129	144	105	226 x 141	158
4	109	235 x 147	165	120	258 x 161	181
4.5	123	265 x 165	185	135	290 x 181	203
5	137	294 x 184	206	150	323 x 202	226
6	164	353 x 221	247	180	387 x 242	271
7	191	412 x 257	288	210	452 x 282	316
8	218	471 x 294	329	240	516 x 323	361
9	246	529 x 331	371	270	581 x 363	406
10	273	588 x 368	412	300	645 x 403	452

Zoom Ratio: 1.1x

How to get a preferred image size by adjusting distance and zoom

P1100/P1200/P1203/P1206 series


A
50"
Desired
image size
D
Height
Form base to
top of image
2 m
B
2.2 m
C
Desired Distance

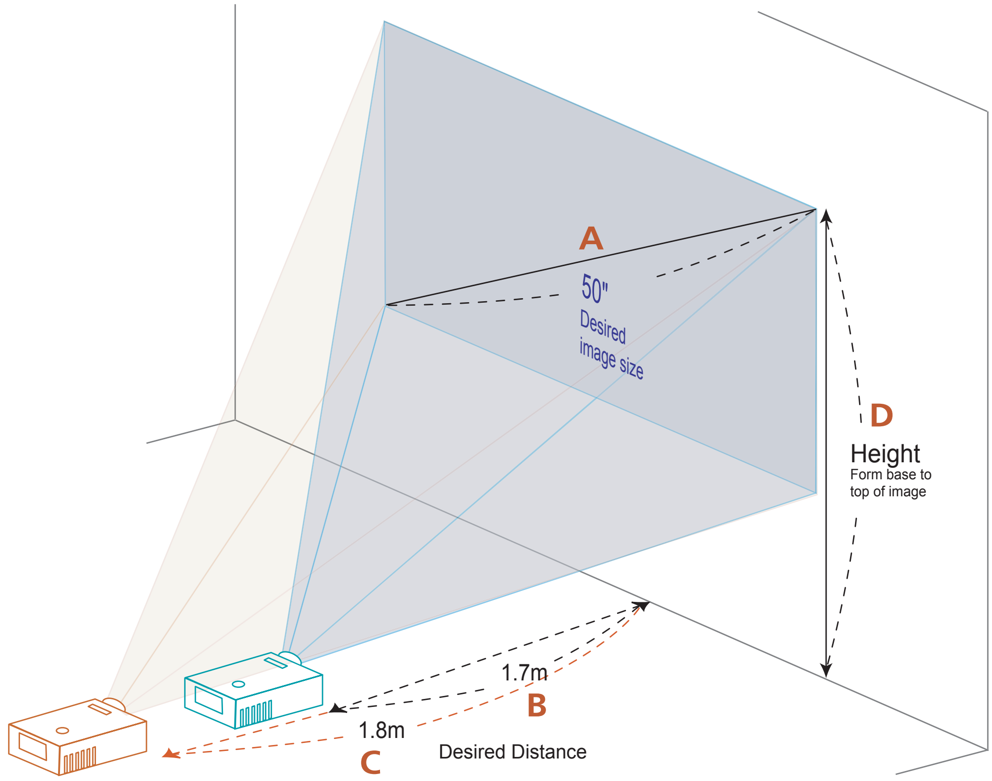
The table below shows how to achieve a desired image size by adjusting either the position or the zoom ring. For example: to obtain an image size of 50" set the projector at a distance 2 m and 2.2 m from the screen and adjust the zoom level accordingly.

P1100/P1200/P1203/P1206 series

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	61 x 46	1.2	1.3	53
40	81 x 61	1.6	1.7	70
50	102 x 76	2.0	2.2	88
60	122 x 91	2.4	2.6	105
70	142 x 107	2.8	3.1	123
80	163 x 122	3.2	3.5	140
90	183 x 137	3.6	3.9	158
100	203 x 152	4.0	4.4	175
120	244 x 183	4.8	5.2	210
150	305 x 229	5.9	6.6	263
180	366 x 274	7.1	7.9	315
200	406 x 305	7.9	8.7	351
250	508 x 381	9.9	10.9	438
300	610 x 457	11.9		526

Zoom Ratio: 1.1x

P1303W series


A
50"
Desired
image size
D
Height
Form base to
top of image
1.7m
B
1.8m
C
Desired Distance

The table below shows how to achieve a desired image size by adjusting either the position or the zoom ring. For example: to obtain an image size of 50" set the projector at a distance 1.7 m and 1.8 m from the screen and adjust the zoom level accordingly.

P1303W series

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	65 x 40	1.0	1.1	45
40	86 x 54	1.3	1.5	60
50	108 x 67	1.7	1.8	76
60	129 x 81	2.0	2.2	91
70	151 x 94	2.3	2.6	106
80	172 x 108	2.7	2.9	121
90	194 x 121	3.0	3.3	136
100	215 x 135	3.3	3.7	151
120	258 x 162	4.0	4.4	181
150	323 x 202	5.0	5.5	226
180	388 x 242	6.0	6.6	271
200	431 x 269	6.7	7.3	302
250	538 x 337	8.3	9.2	377
300	646 x 404	10.0		452

Zoom Ratio: 1.1x

User Controls

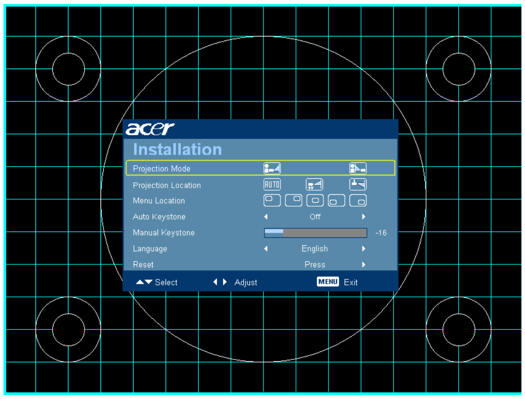
Installation menu

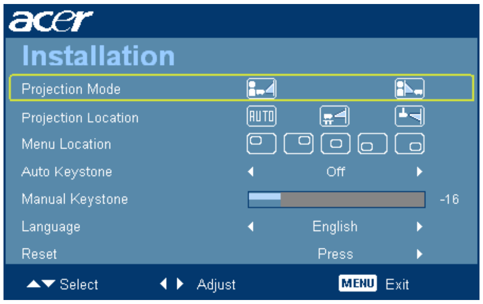
The installation menu provides an onscreen display (OSD) for projector installation and maintenance. Use the OSD only when the message "No signal input" is displayed on the screen.

The menu options include settings and adjustments for screen size and distance, focus, keystone correction and more .

1 Turn on the projector by pressing "Power" button on the control pad.

2 Press the menu button on the control pad to launch the OSD for projector installation and maintenance.




acer
Installation
Projection Mode
Projection Location
Menu Location
Auto Keystone
Off
Manual Keystone
-16
Language
English
Reset
Press
Select
Adjust
MENU Exit

3 The background pattern acts as a guide to adjusting the calibration and alignment settings, such as screen size and distance, focus and more .

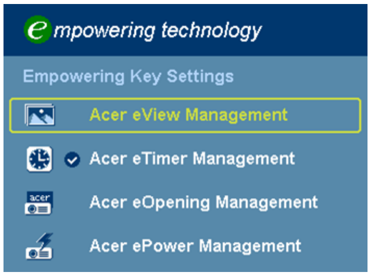
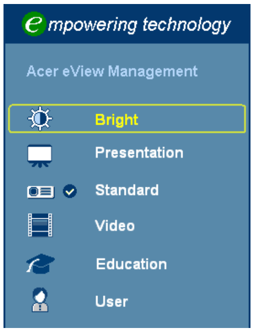
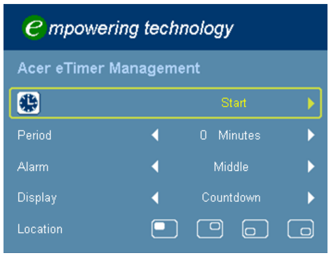
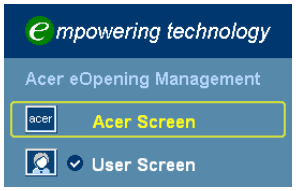
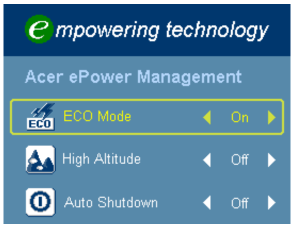
4 The Installation menu includes the following options:

- Projection method
- Menu location
- Keystone settings
- Language settings
- Reset to factory default function

Use the up and down arrow keys to select an option, the left and right arrow keys to adjust selected option settings, and the right arrow key to enter a submenu for feature setting. The new settings will be saved automatically upon exiting the menu.

5 Push the menu button anytime to exit the menu and return to the Acer welcome screen.

Acer Empowering Technology

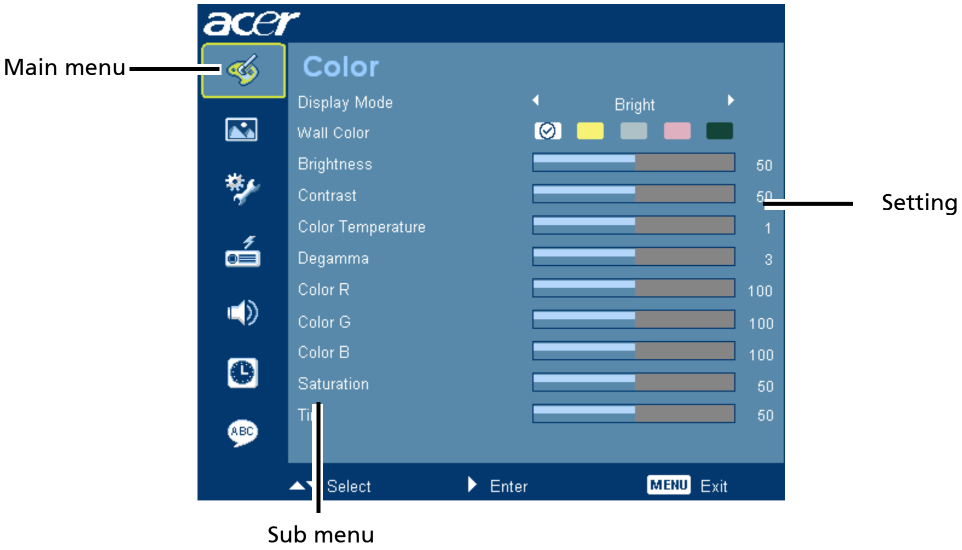
Empowering e Key  e mpowering technology Empowering Key Settings Acer eView Management Acer eTimer Management Acer eOpening Management Acer ePower Management	Acer Empowering Key provides four Acer unique functions, they are "Acer eView Management", "Acer eTimer Management" and "Acer eOpening Management" and "Acer ePower Management" respectively. Press "e" key for more than one second to launch the Onscreen display main menu to modify its function.
Acer eView Management  e mpowering technology Acer eView Management Bright Presentation Standard Video Education User	Press "e" to launch "Acer eView Management" submenu. "Acer eView Management" is for display mode selection. Please refer to Onscreen Display Menus section for more detail.
Acer eTimer Management  e mpowering technology Acer eTimer Management Location Start Period 0 Minutes Alarm Middle Display Countdown	Press "e" to launch "Acer eTimer Management" submenu. "Acer eTimer Management" provides the reminding function for presentation time control. Please refer to Onscreen Display Menus section for more detail.
Acer eOpening Management  e mpowering technology Acer eOpening Management acer Acer Screen User Screen	Press "e" to launch "Acer eOpening Management". "Acer eOpening Management" allows user to change the Startup screen to their personalized image. Please refer to Onscreen Display section for more detail.
Acer ePower Management  e mpowering technology Acer ePower Management ECO ECO Mode On High Altitude Off Auto Shutdown Off	Press "e" to launch "Acer ePower Management". "Acer ePower Management" provides user one shortcut to save lamp and projector life. Please refer to Onscreen Display section for more detail.

Onscreen Display (OSD) Menus

The projector has multilingual OSD that allow you to make image adjustments and change a variety of settings.

Using the OSD menus

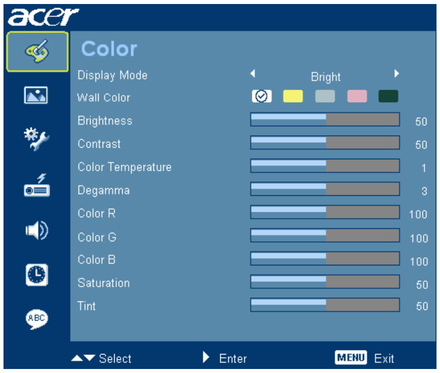
- To open the OSD menu, press **"MENU"** on the remote control or control panel.
- When the OSD is displayed, use the ∧ ∨ keys to select any item in the main menu. After selecting the desired main menu item, press > to enter submenu for feature setting.
- Use the ∧ ∨ keys to select the desired item and adjust the settings by using the < > keys.
- Select the next item to be adjusted in the submenu and adjust as described above.
- Press **"MENU"** on the remote control or control panel, the screen will return to the main menu.
- To exit OSD, press **"MENU"** on the remote control or control panel again. The OSD menu will close and the projector will automatically save the new settings.



Color

Display Mode ◂ Bright ▸
Wall Color
Brightness 50
Contrast 50
Color Temperature 1
Degamma 3
Color R 100
Color G 100
Color B 100
Saturation 50
Ti 50

Color



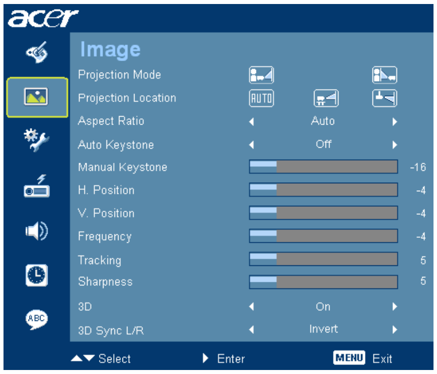
Display Mode: Bright
Wall Color
Brightness 50
Contrast 50
Color Temperature 1
Degamma 3
Color R 100
Color G 100
Color B 100
Saturation 50
Tint 50

Display Mode	There are many factory presets optimized for various types of images. • Bright: For brightness optimization. • Presentation: For meeting presentation with higher brightness. • Standard: For common environment. • Video: For playing video in a bright environment. • Education: For education environment. • User: Memorize user’s settings.
Wall color	Use this function to choose a proper color according to the wall. There are several choices, including white, light yellow, light blue, pink, dark green. It will compensate the color deviation due to the wall color to show the correct image tone.
Brightness	Adjust the brightness of the image. • Press < to darken image. • Press > to lighten the image.
Contrast	"Contrast" controls the difference between the lightest and darkest parts of the picture. Adjusting the contrast changes the amount of black and white in the image. • Press < to decrease the contrast. • Press > to increase the contrast.
Color Temperature	Adjust the color temperature. At higher color temperatures, the screen looks colder; at lower color temperatures, the screen looks warmer.
Degamma	Effects the representation of dark scenery. With greater gamma value, dark scenery will look brighter.
Color R	Adjusts the red color.
Color G	Adjusts the green color.
Color B	Adjusts the blue color.
Saturation	Adjusts a video image from black and white to fully saturated color. • Press < to decrease the amount of color in the image. • Press > to increase the amount of color in the image.

Tint	Adjusts the color balance of red and green. - Press ‹ to increase the amount of green in the image. - Press › to increase the amount of red in the image.

Note: "Saturation" and "Tint" functions are not supported under computer mode or DVI mode.

Image



acer

Image

Projection Mode

Projection Location: AUTO

Aspect Ratio: Auto

Auto Keystone: Off

Manual Keystone: -16

H. Position: -4

V. Position: -4

Frequency: -4

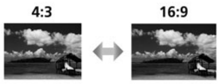
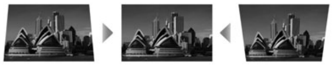
Tracking: 5

Sharpness: 5

3D: On

3D Sync L/R: Invert

Projection mode	- Front: The factory default setting. - Rear: Reverses the image so you can project from behind a translucent screen.
Projection Location AUTO	- Auto: Automatically adjusts projection location of image. - Desktop - Ceiling: Turns the image upside down for ceiling-mounted projection.

Aspect Ratio 	Use this function to choose your desired aspect ratio. • Auto: Keep the image with original width-higth ratio and maxi mize the image to fit native horizontal or vertical pixels. • Full: Resize image to fit full screen by width (1280 pixels) and height (800 pixels). • 4:3: The image will be scaled to fit the screen and displayed using a 4:3 ratio. • 16:9: The image will be scaled to fit the width of the screen and the height adjusted to display the image using a 16:9 ratio. • L.Box: Keep original signal aspect ratio and zoom in by 1.333 times.
Auto Keystone	Automatically adjusts vertical image.
Manual Keystone	Adjust image distortion caused by tilting projection. (±40 degrees)  **<Note>** The Manual Keystone funcion is unavailable under Auto Keystone setting to "On".
H. Position (Horizontal position)	• Press ‹ to move the image left. • Press › to to move the image right.
V. Position (Vertical position)	• Press ‹ to move the image down. • Press › to move the image up.
Frequency	"Frequency" changes the projector's refresh rate to match the frequency of your computer’s graphics card. If you can see a vertical flickering bar in the projected image, use this function to make the necessary adjustments.
Tracking	Synchronizes the signal timing of the projector with the graphics card. If you experience an unstable or flickering image, use this function to correct it.
Sharpeness	Adjusts the sharpness of the image. • Press ‹ to decrease the sharpness. • Press › to increase the sharpness.
3D	Choose "On" to enable DLP 3D function. • On: Choose this item while using DLP 3D glasses, quad buffer (NVIDIA/ATI...) graphic card and HQFS format file or DVD with corresponding SW player. • Off: Turn off 3D mode.
3D Sync L/R	If you see a discrete or overlapping image while wearing DLP 3D glasses, you may need to execute "Invert" to get best match of left/ right image sequence to get the correct image (for DLP 3D).

Note: "H. Position", "V. Position", "Frequency" and "Tracking" functions are not supported under HDMI or Video mode.
Note: "Sharpeness" functions is not supported under HDMI and Computer mode.
Note: 3D function is supported by VGA source only. Please see timing table for detail 3D timings.
Note: It needs correct settings on graphic card 3D application program for

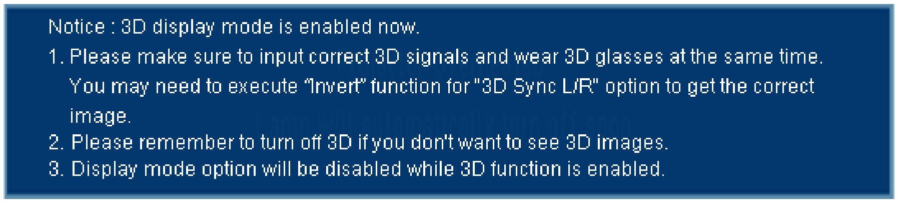
correct 3D display.

Note: The SW players, such as Stereoscopic Player and DDD TriDef Media Player can support 3D format files. You can download these three players on web page below,

- NVIDIA Stereoscopic 3D Video Player:
  http://www.nvidia.com/object/3D_Drivers_Downloads.html
- Stereoscopic Player (Trial): http://www.3dtv.at/Downloads/Index_en.aspx
- DDD TriDef Media Player (Trial):
  http://www.tridef.com/download/TriDef-3-D-Experience-4.0.2.html

Note: "3D Sync L/R" is only available when DLP 3D is enabled.

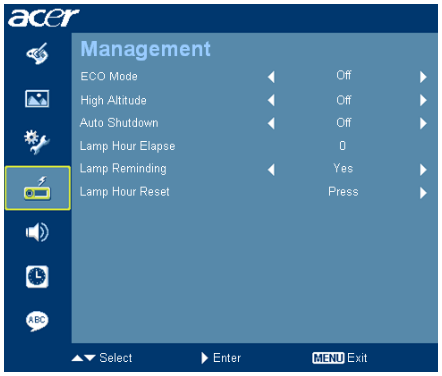
Note: There has reminder screen if 3D still enable when power on projector. Please adjust setting depended on your purpose.



Notice : 3D display mode is enabled now.

1. Please make sure to input correct 3D signals and wear 3D glasses at the same time. You may need to execute "Invert" function for "3D Sync L/R" option to get the correct image.
2. Please remember to turn off 3D if you don't want to see 3D images.
3. Display mode option will be disabled while 3D function is enabled.

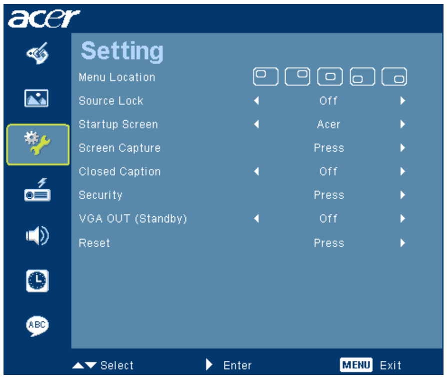
Management



ECO Mode ◀ Off ▶
High Altitude ◀ Off ▶
Auto Shutdown ◀ Off ▶
Lamp Hour Elapse 0
Lamp Reminding ◀ Yes ▶
Lamp Hour Reset Press ▶

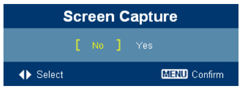
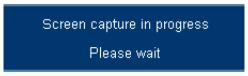
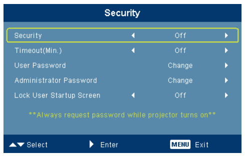
ECO Mode	Choose "On" to dim the projector lamp which will lower power consumption, extend the lamp life and reduce noise. Choose "Off" to return normal mode.
High Altitude	Choose "On" to turn on High Altitude mode. Operate the fans at full speed continuously to allow for proper high altitude cooling of the projector.
Auto Shutdown	The projector will automatically shutdown when there is no signal input after the allocated time. (in minutes)
Lamp Hour Elapse	Displays the lamp's elapsed operating time (in hours).
Lamp Reminding	Activate this function to display a reminder to change the lamp 30 hours before its expected end-of-life.
Lamp Hour Reset	Press the ⟩ button and choose "Yes" to turn the lamp hour counter to 0 hours.

Setting

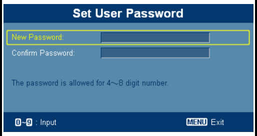
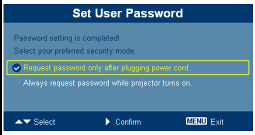
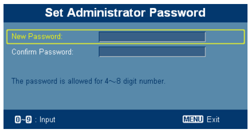


Menu Location
Source Lock ◀ Off ▶
Startup Screen ◀ Acer ▶
Screen Capture Press ▶
Closed Caption ◀ Off ▶
Security Press ▶
VGA OUT (Standby) ◀ Off ▶
Reset Press ▶

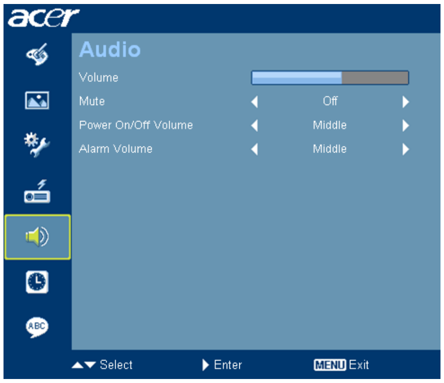
Menu Location	Choose the menu location on the display screen.
Source Lock	When source lock is turned "off", the projector will search for other signals if the current input signal is lost. When source lock is turned "on", it will "lock" the current source channel unless you press "Source" button on the remote control for the next channel.
Startup Screen	Use this function to select your desired startup screen. If you change the setting, the changes will take effect when you exit the OSD menu. • Acer: The default startup screen of your Acer projector. • User: Use memorize picture from "Screen Capture" function.

Screen Capture   Screen capture in progress Please wait	Use this function to customize the startup screen. To capture the image that you want to use as the startup screen, follow the instructions below. Notice: Before proceeding with the following steps, make sure that the "Keystone" is set to the default value 0 and the aspect ratio is set to 4:3. For details, refer to the "Image" section. • Change the "Startup Screen" from the default setting "Acer" to "User". • Press "Screen Capture" to customize the startup screen. • A dialog box appears to confirm the action. Choose "Yes" to use the current image as your customized startup screen. The capture range is the red rectangular area. Choose "No" to cancel the screen capture and exit the onscreen display (OSD). • A message appears, stating that the screen capture is in progress. • When the screen capture is finished, the message disappears and the original display is shown. • The customized startup screen, as shown below, takes effect when there is a new input signal or when you restart the projector.
Closed Caption	Selects a preferred closed captioning mode from CC1, CC2, CC3, CC4, (CC1 displays captions in the primary language in your area). Select "Off" to turn off the captioning feature. This function is only available when a composite video or S-Video input signal is selected and its system format is NTSC. <Note> Set your screen aspect ratio to 4:3. This function is not available when the aspect ratio is "16:9" or "Auto".
Security  Security Security Off Timeout(Min.) Off User Password Change Administrator Password Change Lock User Startup Screen Off **Always request password while projector turns on** 	**Security** This projector provides a useful security function for the administrator to manage usage of the projector . Press ❯ to change the "Security" setting. If the security function is enabled, your must enter the "Administrator Password" first before changing the security settings. • Select "On" to enable the security function. The user has to enter a password to operate the projector. Please refer to the "User Password" section for details. • If "Off" is selected, then the user can turn on the projector without password.
	Timeout(Min.) Once "Security" is activated to "On", the administrator can set timeout function. • Press ❮ or ❯ to select the timeout interval. • The range is from 10 minute to 990 minutes. • When the time is up, the projector will prompt the user to enter the password again. • The factory default setting of "Timeout(Min.)" is "Off". • Once the security function is enabled, the projector will request user to enter password when switch on the projector . Both "User Password" and "Administrator Password" can be accepted for this dialogue.

Note: This screen capture function is limited by 4:3 aspect ratio only.
Note: For XGA models, to get best quality for you desired image, suggest end-user set PC resolution to 1024 x 768 before you use this function.
Note: For SVGA models, to get best quality for you desired image, suggest end-user set PC resolution to 800 x 600 before you use this function.
Note: For WXGA models, to get best quality for you desired image, suggest end-user set PC resolution to 1280 x 800 before you use this function.

 Set User Password New Password: Confirm Password: 0~9 : Input MENU Exit The password is allowed for 4~8 digit number.  Password setting is completed! Select your preferred security mode. ☑ Request password only after plugging power cord. Always request password while projector turns on.	User password • Press > to setup or change the "User Password". • Press number keys to set your password on the remote control and press "MENU" to confirm. • Press < to delete character. • Enter the password when you see "Confirm Password" displayed. • The password should be between 4 and 8 characters long. • If you select "Request password only after plugging power cord", the projector will prompt the user to enter the password every time the power cord is plugged. • If you select "Always request password while projector turns on", the user has to enter the password every time when the projector is turned on.
 Set Administrator Password New Password: Confirm Password: 0~9 : Input MENU Exit The password is allowed for 4~8 digit number.	Administrator Password The "Administrator Password" can be used in both the "Enter Administrator Password" and "Enter Password" dialog boxes. • Press > to change the "Administrator Password". • The factory default of "Administrator Password" is "1234". If you forgot your administrator password, do the following to retrieve the administrator password: • An unique 6-digit "Universal Password" which is printed on the Security Card (please check accessory in the box). This unique password is the number which will be accepted by projector anytime no matter what the Administrator Password is. • If losing this security card and number, please contact with an Acer service center.
	Lock User Startup Screen • Default Lock User Startup Screen is "OFF". If lock user startup screen is "ON", users cannot change startup screen anymore and avoid other users change that arbitrarily. Choose "OFF" to unlock startup screen.
VGA OUT (Standby)	Default is "Off". Choose "On" to enable VGA OUT connection.
Reset	• Press the > button and choose "Yes" to return the parameters on all menus to the factory default settings.

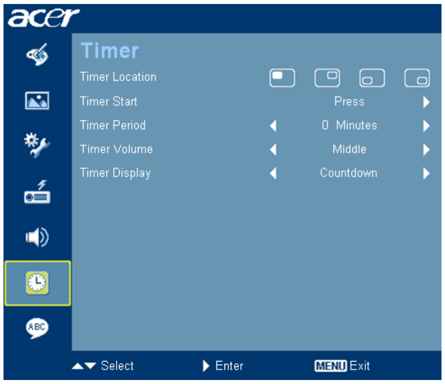
Audio



Volume
Mute Off
Power On/Off Volume Middle
Alarm Volume Middle

Volume	• Press 〈 to decrease the volume. • Press 〉 to increase the volume.
Mute	• Choose "On" to mute the volume. • Choose "Off" to restore the volume.
Power On/Off Volume	• Select this function to adjust the notification volume when turning the projector on/off.
Alarm Volume	• Select this function to adjust the volume of any warning notifications.

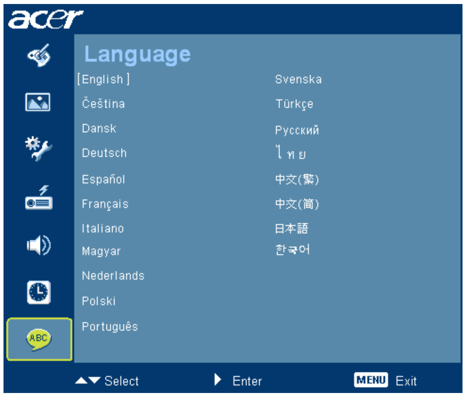
Timer



Timer Location
Timer Start Press
Timer Period 0 Minutes
Timer Volume Middle
Timer Display Countdown

Timer Location	• Choose the location of the timer on the screen.
Timer Start	• Press 〉 to start or stop the timer.
Timer Period	• Press 〈 or 〉 to adjust the timer period.
Timer Volume	• Select this function to adjust the notification volume when the timer function is enabled and time is up.
Timer Display	• Press 〈 or 〉 to which timer mode to display on the screen.

Language


acer
Language
[English]
Čeština
Dansk
Deutsch
Español
Français
Italiano
Magyar
Nederlands
Polski
Português
Svenska
Türkçe
Русский
ไทย
中文(繁)
中文(简)
日本語
한국어
▲▼ Select
▶ Enter
MENU Exit

Language	Choose the multilingual OSD menu. Use the ⋀ or ⋁ key to select your preferred menu language. • Press > to confirm the selection.

Appendices

Troubleshooting

If you experience a problem with your Acer projector, refer to the following troubleshooting guide. If the problem persists, please contact your local reseller or service center.

Image Problems and Solutions

#	Problem	Solution
1	No image appears onscreen	• Connected as described in the "Getting Started" section. • Ensure none of the connector pins are bent or broken. • Check if the projector lamp has been securely installed. Please refer to the "Replacing the Lamp" section. • Make sure you have removed the lens cap and the projector is switched on.

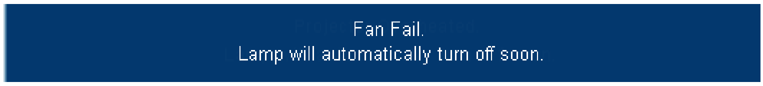
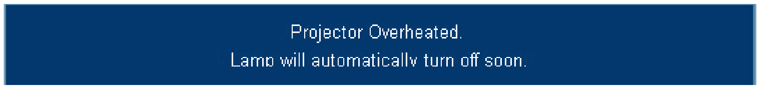
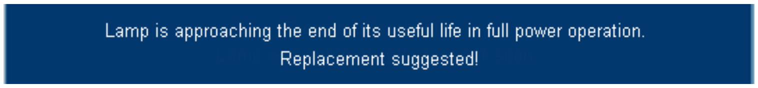
2	Partial, scrolling or incorrectly displayed image(For PC (Windows 95/98/ 2000/XP))	• Press "RESYNC" on the remote control or control panel.
		• For an incorrectly displayed image:
		  • Open "My Computer," open the "Control Panel," and then double-click the "Display" icon.
		  • Select the "Settings" tab.
		  • Verify that your display resolution setting is lower than or equal to UXGA (1600 x 1200).
		  • Click the "Advanced Properties" button.
		If the problem still appears, change the monitor display you are using and follow the steps below:
		  • Verify that the resolution setting is lower than or equal to UXGA (1600 x 1200).
		  • Click the "Change" button under the "Monitor" tab.
		  • Click "Show all devices". Next, select "Standard monitor types" under the SP box, and choose the resolution mode you need under the "Models" box.
		  • Verify that the resolution setting of the monitor display is lower than or equal to UXGA (1600 x 1200).

3	Partial, scrolling or incorrectly displayed image (For notebooks)	• Press "RESYNC" on the remote control or control panel.
		• For an incorrectly displayed image:
		  • Follow the steps for item 2 (above) to adjust the resolution of your computer.
		  • Press the toggle output settings. Example: [Fn]+[F4], Compaq [Fn]+[F4], Dell [Fn]+[F8], Gateway [Fn]+[F4], IBM [Fn]+[F7], HP [Fn]+[F4], NEC [Fn]+[F3], Toshiba [Fn]+[F5]
		• If you experience difficulty changing resolutions or your monitor freezes, restart all equipment including the projector.

4	The screen of the notebook computer is not displaying your presentation	• If you are using a Microsoft® Windows® based notebook: Some notebook PCs may deactivate their own screens when a second display device is in use. Each has a different way to be reactivated. Refer to your computer's manual for detailed information. • If you are using an Apple® Mac® OS based notebook: In System Preferences, open Display and select Video Mirroring "On".
5	Image is unstable or flickering	• Adjust the "Tracking" to correct it. Refer to the "Image" section for more information. • Change the display color depth settings on your computer.
6	Image has vertical flickering bar	• Use "Frequency" to make an adjustment. Refer to the "Image" section for more information. • Check and reconfigure the display mode of your graphics card to make it compatible with the projector.
7	Image is out of focus	• Make sure the lens cap is removed. • Adjusts the focus ring on the projector lens. • Make sure the projection screen is within the required distance of 3.9 to 39.4 feet (1.2 to 12.0 meters) from the projector and 3.3 to 39.4 feet (1.0 to 10.0 meters)(P1303W) from the projector. Refer to the "How to Get a Preferred Image Size by Adjusting Distance and Zoom" section for more information.

8	Image is stretched when displaying a "widescreen" DVD title	When you play a DVD encoded in anamorphic or 16:9 aspect ratio you may need to adjust the following settings: • If you play an Letterbox(LBX) format DVD title, please change the format to Letterbox(LBX) in the projector OSD. • If you play a 4:3 format DVD title, please change the format to 4:3 in the projector OSD. • If the image is still stretched, you will also need to adjust the aspect ratio. Set up the display format to 16:9 (wide) aspect ratio on your DVD player.
9	Image is too small or too large	• Adjust the zoom lever on the top of the projector. • Move the projector closer to or further from the screen. • Press "MENU" on the remote control. Go to "Image --> Aspect Ratio" and try different settings or press"Aspect Ratio" on the remote control to adjust directly.
10	Image has slanted sides	• If possible, reposition the projector so that it is centered on the screen. • Press the "Keystone △ / ▽" button on the remote control until the sides are vertical. • Press "MENU" on the remote control. Go to "Image --> Auto Keystone" and choose "Off" on the OSD, if "Keystone" button is not available on the remote control.
11	Image is reversed	• Select "Image --> Projection" on the OSD and adjust the projection direction.

OSD Messages

#	Condition	Message Reminder
1	Message	Fan Fail - the system fan is not working.  Fan Fail. Lamp will automatically turn off soon. Projector Overheated - the projector has exceeded its recommended operating temperature and must be allowed to cool down before it may be used.  Projector Overheated. Lamp will automatically turn off soon. Replace the lamp - the lamp is about to reach its maximum lifetime. Prepare to replace it soon.  Lamp is approaching the end of its useful life in full power operation. Replacement suggested!

Problems with the Projector

#	Condition	Solution
1	The projector stops responding to all controls	If possible, turn off the projector, then unplug the power cord and wait at least 30 seconds before reconnecting power.
2	Lamp burns out or makes a popping sound	When the lamp reaches the end of its useful life, it will burn out and may make a loud popping sound. If this happens, the projector will not turn on until the lamp module has been replaced. To replace the lamp, follow the procedures in the "Replacing the Lamp" section.

LED & Alarm Definition Listing

LED Messages

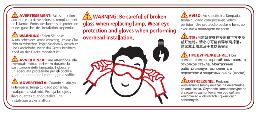
Message	Lamp LED	Temp LED	Power LED	
	Red	Red	Red	Blue
Standby (power cord plugged in)	--	--	V	--
Power button ON	--	--	--	V
Lamp retry	--	--	--	Quick flashing
Turning off (cooling state)	--	--	Quick flashing	--
Turning off (cooling completed)	--	--	V	--
Error (thermal failure)	--	V	--	V
Error (fan lock failure)	--	Quick flashing	--	V
Error (lamp breakdown)	V	--	--	V
Error (color Wheel fail)	Quick flashing	--	--	V

Replacing the Lamp

Use a screwdriver to remove the screw(s) from the cover, and then pull out the lamp.

The projector will detect the lamp life. You will be shown a warning message **"Lamp is approaching the end of its useful life in full power operation. Replacement Suggested!"** When you see this message, change the lamp as soon as possible. Make sure the projector has been cooling down for at least 30 minutes before changing the lamp.

Warning: The lamp compartment is hot! Allow it to cool down before changing the lamp.



AVERTISSEMENT: Faites attention aux morceaux de verre lors du remplacement de la lampe. Portez des lunettes de protection et des gants lors de l'installation suspendue.

WARNUNG: Seien Sie beim Austauschen der Lampe vorsichtig, um das Glas nicht zu zerbrechen. Tragen Sie einen Augenschutz und Handschuhe, wenn das Gerät über Ihrem Kopf an der Decke montiert ist.

AVVERTENZA: Fare attenzione alla eventuale rottura del vetro durante la sostituzione della lampada. Indossare un'adeguata protezione per gli occhi e guanti quando per il montaggio a soffitto.

ADVERTENCIA: Cuando sustituya la lámpara, tenga cuidado por si hay cualquier cristal roto. Proteja los ojos y lleve guantes cuando realice una instalación a cierta altura.

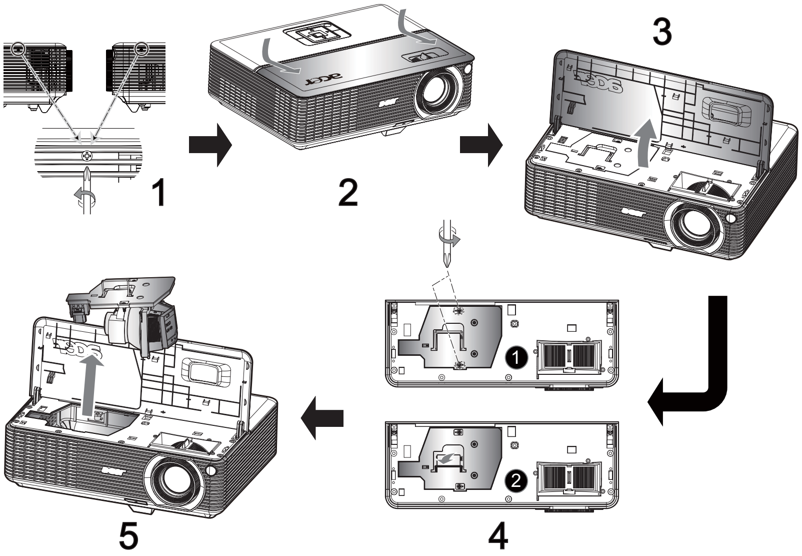
WARNING: Be careful of broken glass when replacing lamp. Wear eye protection and gloves when performing overhead installation.

AVISO: Ao substituir a lâmpada, tenha cuidado com possíveis vidros partidos. Use protecção ocular e luvas ao executar a montagem no tecto.

注意: 当您站在壁挂投影机下方更换新灯泡时，请小心可能有碎玻璃掉落，建议戴上眼罩及手套以策安全

ПРЕДУПРЕЖДЕНИЕ: При замене ламп остерегайтесь травм от осколков стекла. Монтажные работы следует выполнять в перчатках и защитных очках (маске).

OSTRZEŻENIE: Podczas wymieniania lampy uważać na ewentualne odłamki szkła. Czynności konserwacyjne na urządzeniu zamontowanym pod sufitem wykonywać w okularach i rękawicach ochronnych.



To Change the Lamp

1. Turn off the projector by pressing the power button.
2. Allow the projector at least 30 mins to cool down.
3. Disconnect the power cord.
4. Remove the two screws on both sides of the projector at the same time. (Illustration #1)
5. Push and slide the top cover towards the direction of the lens. (Illustration #2)
6. Open the top cover. (Illustration #3)
7. Remove the two screws that secure the lamp module❶ and pull up the lamp bar❷.(Illustration #4)
8. Pull out the lamp module by force. (Illustration #5)

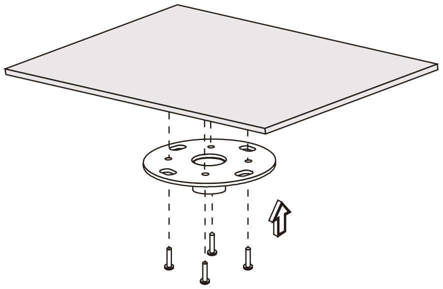
To replace the lamp module, reverse the previous step.

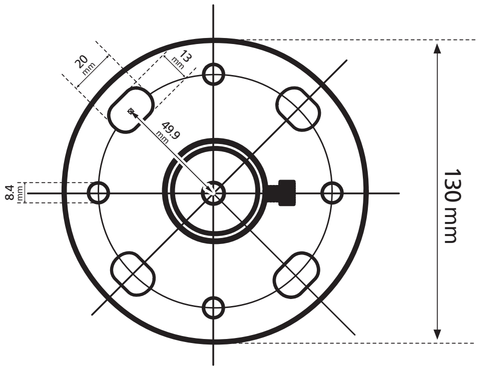
Warning: To reduce the risk of personal injury, do not drop the lamp module or touch the lamp bulb. The bulb may shatter and cause injury if it is dropped.

Ceiling Mount Installation

If you wish to install the projector using a ceiling mount, please refer to the steps below:

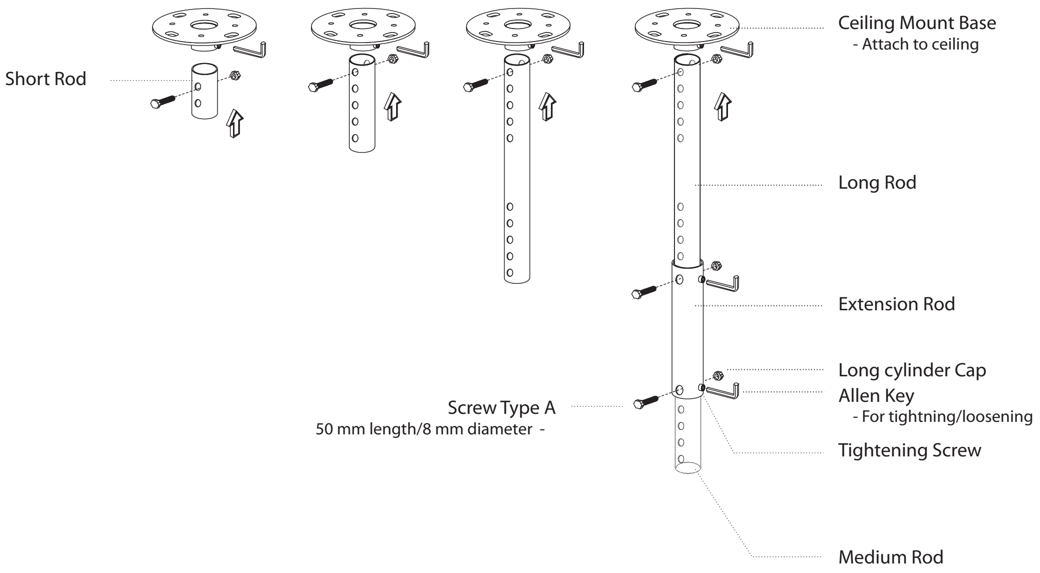
1 Drill four holes into a solid, structurally sound part of the ceiling, and secure the mount base.



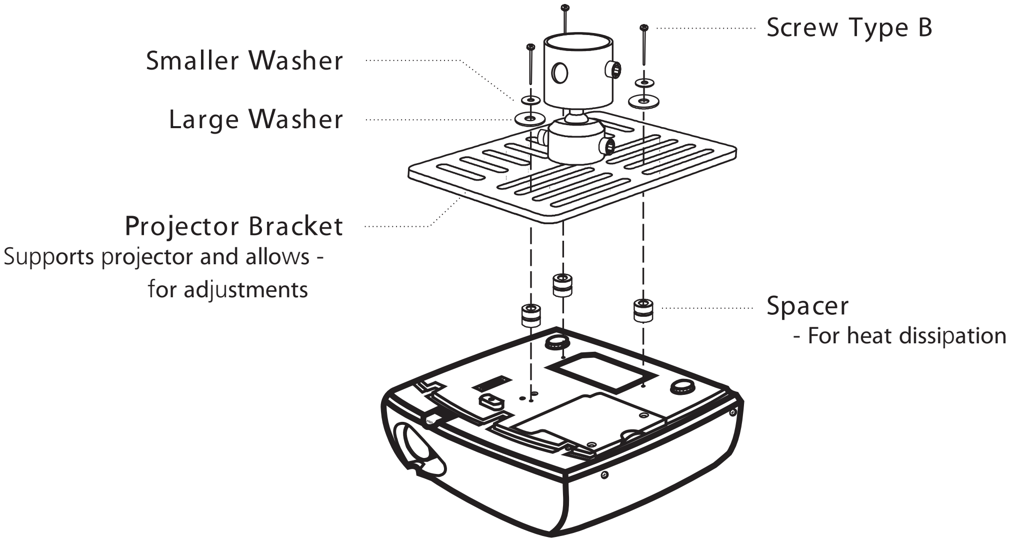

20 mm
13 mm
49.9 mm
8.4 mm
130 mm

Note: Screws are not included. Please obtain the appropriate screws for your type of ceiling.

2 Secure the ceiling rod using the appropriate type of four-cylinder screws.

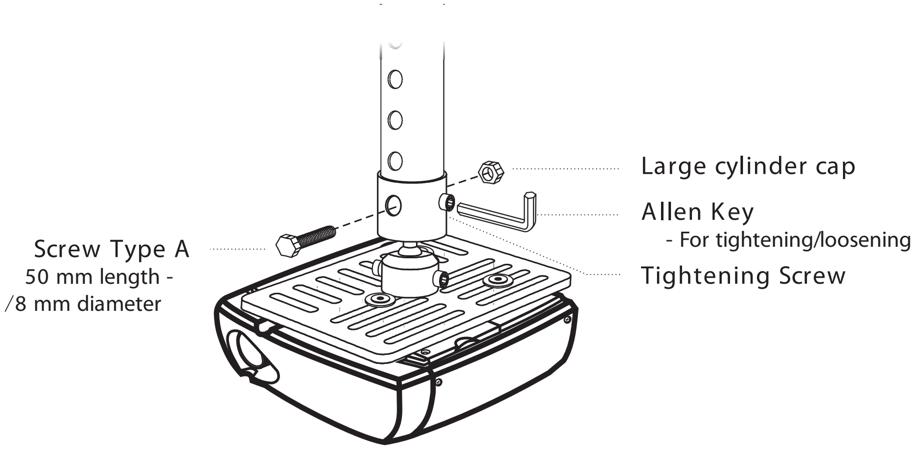

Ceiling Mount Base
- Attach to ceiling
Short Rod
Long Rod
Extension Rod
Long cylinder Cap
Allen Key
- For tightning/loosening
Screw Type A
50 mm length/8 mm diameter -
Tightening Screw
Medium Rod

3 Use the appropriate number of screws for the projector size to attach the projector to the ceiling mount bracket.

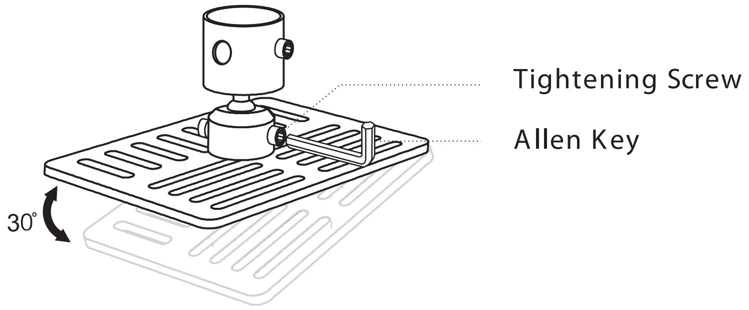

Screw Type B
Smaller Washer
Large Washer
Projector Bracket
Supports projector and allows - for adjustments
Spacer
- For heat dissipation

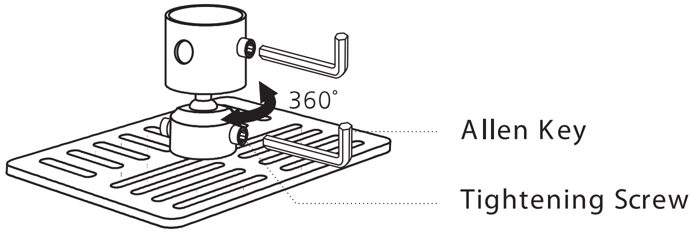
Note: It is recommended that you keep a reasonable space between the bracket and the projector to allow for proper heat distribution. Use two washers for extra support, if deemed necessary.

4 Attach the ceiling bracket to the ceiling rod.


Large cylinder cap
Allen Key
- For tightening/loosening
Tightening Screw
Screw Type A
50 mm length -
/8 mm diameter

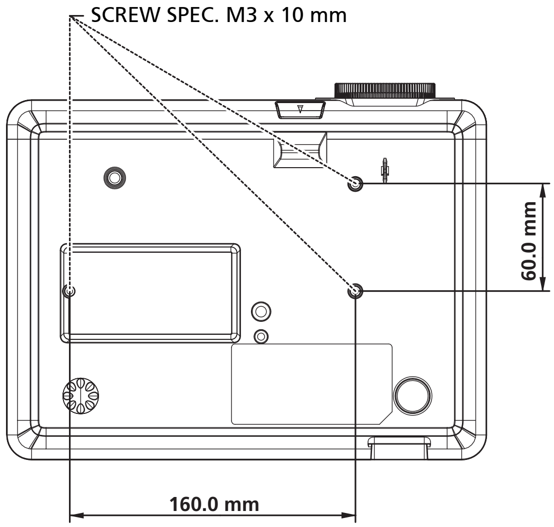
5 Adjust the angle and positioning as necessary.


Tightening Screw
Allen Key
30˚


360˚
Allen Key
Tightening Screw

Note: The appropriate type of screw and washer for each model is listed in the table below. 3 mm diameter screws are enclosed in the screw pack.

Models	Screw Type B		Washer Type	
	Diameter (mm)	Length (mm)	Large	Small
P1100/P1200/ P1203/P1206/ P1303W	3	25	V	V


SCREW SPEC. M3 x 10 mm
60.0 mm
160.0 mm

Specifications

The specifications listed below are subject to change without notice. For final specs, please refer to Acer's published marketing specifications.

Projection system	DLP®
Resolution	P1100: Native: SVGA (800 x 600) , Maximum: UXGA (1600 x 1200), 1080p(1920x1080) P1200/P1203/P1206: Native: XGA (1024 x 768), Maximum: UXGA (1600 x 1200), 1080p(1920x1080) P1303W series: Native: WXGA (1280 x 800), Maximum: UXGA (1600 x 1200), 1080p(1920x1080)
Computer compatibility	IBM PC and compatibles, Apple Macintosh, iMac and VESA standards: SXGA, XGA, VGA, SVGA, SXGA+, WXGA, WXGA+, WSXGA+
Video compatibility	NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1080p), EDTV (480p, 576p), SDTV (480i, 576i)
Aspect ratio	P1100/P1200/P1203/P1206: 4:3 (native), 16:9 P1303W: Full/4:3/16:9/L.Box
Displayable colors	1.07 Billion colors
Projection lens	P1100/P1200/P1203/P1206 series: F/ 2.41 - 2.55, f = 21.79 mm - 23.99 mm, 1.1X manual zoom lens P1303W series: F/ 2.5 - 2.67, f = 21.86 - 24.00 mm, 1.1X manual zoom lens
Projection screen size (diagonal)	P1100/P1200/P1203/P1206 series: 27.46" (0.70 m) - 302.8" (7.69 m) P1303W series: 27" (0.69 m) ~ 300" (7.62 m)
Projection distance	P1100/P1200/P1203/P1206 series: 3.9' (1.2 m) - 39.4' (12.0 m) P1303W series: 3.3' (1.0m) ~ 39.4' (10.0m)
Throw ratio	P1100/P1200/P1203/P1206 series: 60"@2m (1.95 - 2.15:1) P1303W series: 60"@2m (1.55 ~ 1.70:1)
Horizontal scan rate	30k - 100 kHz
Vertical refresh scan rate	50-85 Hz, 120Hz (for 3D mode only)
Lamp type	P1100/P1200: 180 W user-replaceable lamp P1203/P1206/P1303W: 230 W user-replaceable lamp
Keystone correction	+/- 40 degrees
Audio	Internal speaker with 2 W output
Weight	3 kg (6.6 lbs.)
Dimensions (W x D x H)	269mmx206mmx96mm (10.6"x8.1"x3.8")
Remote control	Laser pointer function
Digital Zoom	2X
Power supply	AC input 100 - 240 V, 50 - 60 Hz
Power consumption	P1100/P1200: 255 W P1203/P1206/P1303W: 325 W
Operating temperature	5°C to 35°C / 41°F to 95°F

I/O connectors	• Power socket x1 • VGA input x1 • Composite video x1 • S-Video x1 • VGA output x1 • HDMI x 1 • 3.5 mm audio jack input x1 • RS232 x1 • USB x1: for remote computer control **Below items are for P1203/P1206/P1303W series only:** • VGA input x 2 • 3.5 mm audio jack output x1 • 12V DC out for screen control x1
Standard package contents	• AC power cord x1 • VGA cable x1 • Composite video cable x1 • Remote control x1 • Batteries x 2 (for remote control) • User's guide (CD-ROM) x 1 • Quick start guide x 1 • Security card x 1 • Carrying case x1

* Design and specifications are subject to change without notice.

Compatibility modes

A. VGA Analog

1 VGA Analog - PC Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	60	31.47
	640x480	72	37.86
	640x480	75	37.50
	640x480	85	43.27
	640x480	119.51	61.60
SVGA	800x600	56	35.20
	800x600	60	37.88
	800x600	72	48.08
	800x600	75	46.88
	800x600	85	53.67
	800x600	119.85	77.20
XGA	1024x768	60	48.36
	1024x768	70	56.48
	1024x768	75	60.02
	1024x768	85	68.67
	1024x768	119.804	98.80
SXGA	1152x864	70	63.80
	1152x864	75	67.50
	1152x864	85	77.10
	1280X1024	60	63.98
	1280X1024	72	77.90
	1280X1024	75	79.98
	1280X1024	85	91.15
QuadVGA	1280x960	60	60.00
	1280x960	75	75.00
SXGA+	1400x1050	60	65.32
UXGA	1600x1200	60	75.00
Power Mac G4	640x480	60	31.50
	640x480	66.6(67)	35.00
	800x600	60	37.88
	1024x768	60	48.36
	1152x870	75	68.68
	1280x960	75	75.20
i Mac DV (G3)	1024x768	75	60.30

2 VGA Analog - Extended Wide timing

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
WXGA	1280x768	60	47.78
	1280x768	75	60.29
	1280x768	85	68.63
	1280x720	60	44.80
	1280x800	60	49.60
	1440x900	60	55.90
	1680x1050	60	65.30
	1366x768	60	47.71
Only support 1080P@60Hz (with reduced blanking timing)	1920x1080-RB	60	66.60
	1024x600	60	37.30

3 VGA Analog -Component Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
480i	720x480	59.94 (29.97)	27.00
480p	720x480	59.94	31.47
576i	720x576	50(25)	27.00
576p	720x576	50	31.25
720p	1280x720	60	45.00
720p	1280x720	50	37.50
1080i	1920x1080	60(30)	33.75
1080i	1920x1080	50(25)	33.75
1080p	1920x1080	60	67.50
1080p	1920x1080	50	56.26

B. HDMI Digital

1 HDMI - PC Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	60	31.47
	640x480	72	37.86
	640x480	75	37.50
	640x480	85	43.27
	640x480	119.51	61.61
SVGA	800x600	56	35.20
	800x600	60	37.88
	800x600	72	48.08

	800x600	75	46.88
	800x600	85	53.67
	800x600	119.85	77.20
XGA	1024x768	60	48.36
	1024x768	70	56.48
	1024x768	75	60.02
	1024x768	119.804	98.80
	1152x864	75	67.50
	1152x864	85	77.10
	1280x1024	60	64.00
	1280x1024	72	77.90
	1280x1024	75	79.98
	1280x1024	85	91.15
	1280x960	75	75.00
PowerBook G4	640x480	60	31.50
	640x480	66.6(67)	35.00
	800x600	60	37.88
	1024x768	60	48.36
	1152x870	75	68.68
	1280x960	75	75.20
i Mac DV (G3)	1024x768	75	60.30

2 HDMI - Extended Wide timing (same as DVI)

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
WXGA	1280x768	60	47.78
	1280x768	75	60.29
	1280x768	85	68.63
	1280x720	60	44.80
	1280x800	60	49.60
	1440x900	60	55.90
	1680x1050	60	65.30
	1366x768	60	47.71
	1920x1080-EIA	60	66.60
	1024x600	60	37.30

3 HDMI - Video Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
480i	720x480(1440x480)	59.94(29.97)	27.00
480p	720x480	59.94	31.47
576i	720x576(1440x576)	50(25)	27.00
576p	720x576	50	31.25
720p	1280x720	60	45.00
720p	1280x720	50	37.50
1080i	1920x1080	60(30)	33.75
1080i	1920x1080	50(25)	33.75
1080p	1920x1080	60	67.50
1080p	1920x1080	50	56.26
Horizontal scan rate:		31.5k - 100 kHz	
Vertical scan rate:		25 - 85 Hz, 120Hz (for 3D mode only)	

Regulations and safety notices

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this device.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

Acer hereby declares that this projector series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian regulatory certification

ME61

Radio device regulatory notice

Note: Below regulatory information is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

Canada — Low-power license-exempt radio communication devices (RSS-210)

a Common information
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

b Operation in 2.4 GHz band
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

List of applicable countries

EU member states as of July 2009 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom, Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus, Malta, Bulgaria and Romania. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use. Please see http://ec.europa.eu/enterprise/rtte/implem.htm for the latest country list.

Acer Incorporated
8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih
Taipei Hsien 221, Taiwan

Declaration of Conformity

We,

Acer Incorporated
8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan
Contact Person: Mr. Easy Lai, e-mail:easy_lai@acer.com.tw
And,
Acer Europe SA
Via Cantonale, Centro Galleria 2 6928 Manno Switzerland

Hereby declare that:

Product:	**Projector**
Trade Name:	**Acer**
Model Number:	**DSV0903/DNX0904/DNX0905/ DNX0906/DWX0907**
Machine Type:	**P1100/P1200/P1203/ P1206/P1303W series**

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

-. EN55022, AS/NZS CISPR22, Class B
-. EN55024
-. EN61000-3-2 Class A
-. EN61000-3-3

Low Voltage Directive 2006/95/EC as attested by conformity with the following harmonized standard:

-. EN60950-1

RoHS Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment

-. The maximum concentration values of the restricted substances by weight in homogenous material are:

Lead	0.1%	Polybrominated Biphenyls (PBB's)	0.1%
Mercury	0.1%	Polybrominated Diphenyl Ethers (PBDE's)	0.1%
Hexavalent Chromium	0.1%	Cadmium	0.01%

Directive 2005/32/EC of the European Parliament and of the Council with regard to Eco-design Requirements.

acer

Acer Incorporated
8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih
Taipei Hsien 221, Taiwan

The standards listed below are applied to the product if built with WLAN module or wireless keyboard and mouse.

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- **Article 3.1(a) Health and Safety**
  - -. EN60950-1
  - -. EN62311
- **Article 3.1(b) EMC**
  - -. EN301 489-1
  - -. EN301 489-17
- **Article 3.2 Spectrum Usages**
  - -. EN300 328
  - -. EN301 893 (Applicable to 5GHz high performance RLAN).

Year to begin affixing CE marking 2009.

Easy Lai

Easy Lai /Manager
Regulation Center, Acer Inc.

Oct. 16, 2009
Date

Acer America Corporation

333 West San Carlos St., San Jose
CA 95110, U. S. A.
Tel : 254-298-4000
Fax : 254-298-4147
www.acer.com

Federal Communications Commission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer / Importer is responsible for this declaration:

Product:	**DLP Projector**
Model Number:	**DSV0903/DNX0904/DNX0905/ DNX0906/DWX0907**
Machine Type:	**P1100/P1200/P1203/ P1206/P1303W series**
Name of Responsible Party:	**Acer America Corporation**
Address of Responsible Party:	**333 West San Carlos St. San Jose, CA 95110 U. S. A.**
Contact Person:	**Acer Representative**
Phone No.:	**254-298-4000**
Fax No.:	**254-298-4147**